

Ecology and Environment, Inc.
6777 Engle Road

Cleveland, OH 44130
ATTN: Dave Hendren



US EPA RECORDS CENTER REGION 5



436646

HEADQUARTERS/LABORATORY
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FAX: (419) 691-0418

ENVIRONMENTAL LABORATORY
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TWINSBURG, OHIO 44087
PHONE: (216) 425-8200
FAX: (216) 425-1349

lab no.

96T14933

p.o. no.

rev: 0

SAMPLE

DESCRIPTION: Project # KJ5100 - S05-9610-805 - grab - liquid - Drum 01 - Room 1 -
Station # D01 - 10/11/96 @ 1000

RESULTS:

<u>ANALYTE</u>	<u>METHOD</u>	<u>RESULT</u>
Sulfate	SW-846, 9038	820,000 mg/Kg
pH in 10% S.U.	EPA-600, 150.1	less than 1 *

* Due to the characteristics of the sample it was necessary to add water for pH determination.

↑
mg/L
2

date completed:
10/16/96

tech:
CSY

approved by:

A handwritten signature in black ink, appearing to be "J. Hoff", written over a horizontal line.

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lab no.	96T14934
p.o. no.	

rev: 0

SAMPLE

DESCRIPTION: Project # KJ5100 - S05-9610-805 - grab - liquid - Drum 02 - Room 1 -
Station # D02 - 10/11/96 @ 1010

RESULTS:

<u>ANALYTE</u>	<u>METHOD</u>	<u>RESULT</u>
pH in 10% S.U.	SW-846, 9040	less than 1 *
Total Chloride	SW-846, 9252	380,000 mg/L

* Due to sample characteristics it was necessary to add water for the pH determination.

date completed:
10/18/96

tech:
CSY/GJB

approved by:

A handwritten signature in black ink, appearing to be "J. Hendren", is written over the "approved by:" label and extends across the right side of the signature line.

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lab no.	96T14935
p.o. no.	

rev: 0

SAMPLE

DESCRIPTION: Project # KJ5100 - S05-9610-805 - grab - liquid - Drum 03 - Room 1 -
Station # D03 - 10/11/96 @ 1012

RESULTS:

<u>ANALYTE</u>	<u>METHOD</u>	<u>RESULT</u>
pH in 10% S.U.	SW-846, 9040A	greater than 13 *

* Due to the characteristics of the sample it was necessary to add water for the pH determination.

date completed:
10/15/96

tech:
CSY

approved by:

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lab no. 96T14936

p.o. no.

rev: 0

SAMPLE

DESCRIPTION: Project # KJ5100 - S05-9610-805 - grab - liquid - Drum 04 - Room 1 -
Station # D04 - 10/11/96 @ 1015

RESULTS:

<u>ANALYTE</u>	<u>METHOD</u>	<u>RESULT</u>
pH in 10% S.U.	EPA-600, 150.1	11.67 *
Total Chloride	SW-846, 9252	170,000 mg/L

* Due to sample characteristics it was necessary to add water for the pH determination.

date completed:
10/15/96

tech:
CSY/GJB

approved by:

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lab no.	96T14937
p.o. no.	

rev: 0

SAMPLE

DESCRIPTION: Project # KJ5100 - S05-9610-805, - grab - liquid - Vat 05 - Room 1 -
Station # V05 - 10/11/96 @ 1018

RESULTS:

<u>ANALYTE</u>	<u>METHOD</u>	<u>RESULT</u>
pH in 10% S.U.	SW-846, 9040A	12.67 *

* Due to the characteristics of the sample it was necessary to add water for the pH determination.

date completed:
10/15/96

tech:
CSY

approved by:

A handwritten signature in dark ink, appearing to read "J. Ruff", is written over the "approved by:" label.

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lab no.	96T14938
p.o. no.	

rev: 0

SAMPLE

DESCRIPTION: Project # KJ5100 - S05-9610-805 - grab - liquid - Vat 06 - Room 1 -
Station # V06 - 10/11/96 @ 1021

RESULTS:

<u>ANALYTE</u>	<u>METHOD</u>	<u>RESULT</u>
pH in 10% S.U.	SW-846, 9040A	less than 1 *

* Due to the characteristics of the sample it was necessary to add water for the pH determination.

date completed:
10/15/96

tech:
CSY

approved by:

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lab no.	96T14939
p.o. no.	

rev: 0

SAMPLE

DESCRIPTION: Project # KJ5100 - S05-9610-805 - grab - solid - Vat 07 - Room 1 -
Station # V07 - 10/11/96 @ 1025

RESULTS:

<u>ANALYTE</u>	<u>METHOD</u>	<u>RESULT</u>
Total Chromium	SW-846, 6010A	49 mg/Kg
Total Nickel	SW-846, 6010A	43 mg/Kg
Total Zinc	SW-846, 6010A	10,000 mg/Kg

date completed:
10/17/96

tech:
BSG/EHS

approved by:

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lab no.	96T14940
p.o. no.	

rev: 0

SAMPLE

DESCRIPTION: Project # KJ5100 - S05-9610-805 - grab - liquid - Vat 08 - Room 2 -
Station # V08 - 10/11/96 @ 1115

RESULTS:

<u>ANALYTE</u>	<u>METHOD</u>	<u>RESULT</u>
Total Cyanide	SW-846, 9010	6500 mg/Kg
Reactive Cyanide	SW-846, 7.3.3.2	1

mg/L?

date completed:
10/16/96

tech:
CSY/LMW

approved by:

A handwritten signature, likely of Dave Hendren, is written over the "approved by:" field. The signature is in dark ink and appears to be "D. Hendren".

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lab no.	96T14941
p.o. no.	

rev: 0

SAMPLE

DESCRIPTION: Project # KJ5100 - S05-9610-805 - grab - liquid - Vat 09 - Room 2 -
Station # V09 - 10/11/96 @ 1120

RESULTS:

<u>ANALYTE</u>	<u>METHOD</u>	<u>RESULT</u>
pH in 10% S.U.	SW-846, 9040A	less than 1 *

* Due to the characteristics of the sample it was necessary to add water for the pH determination.

date completed:
10/15/96

tech:
CSY

approved by:

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lab no.	96T14942
p.o. no.	

rev: 0

SAMPLE

DESCRIPTION: Project # KJ5100 - S05-9610-805 - grab - liquid - Drum 10 - Room 3 -
Station # D10 - 10/11/96 @ 1130

RESULTS:

<u>ANALYTE</u>	<u>METHOD</u>	<u>RESULT</u>
Flash Point - SETAFLASH	SW-846, 1020	less than 74°F

date completed:
10/15/96

tech:
LMV

approved by:

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lab no.	96T14943
p.o. no.	

rev: 0

SAMPLE

DESCRIPTION: Project # KJ5100 - S05-9610-805 - grab - solid - Drum 11 - Room 3 -
Station # D11 - 10/11/96 @ 1145

RESULTS:

<u>ANALYTE</u>	<u>METHOD</u>	<u>RESULT</u>
Total Cyanide	SW-846, 9010	53,000 mg/Kg
Reactive Cyanide	SW-846, 7.3.3.2	470 mg/Kg

date completed:
10/16/96

tech:
CSY/LMV

approved by:

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lab no.	96T14944
p.o. no.	

rev: 0

SAMPLE

DESCRIPTION: Project # KJ5100 - S05-9610-805 - grab - liquid - Vat 12 - Room 3 -
Station # V12 - 10/11/96 @ 1200

RESULTS:

<u>ANALYTE</u>	<u>METHOD</u>	<u>RESULT</u>
pH in 10% S.U.	SW-846, 9040A	less than 1 *

* Due to the characteristics of the sample it was necessary to add water for the pH determination.

date completed:
10/15/96

tech:
CSY

approved by:

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